Abstract

The invention concerns a method and an apparatus for analysing the pattern of movements of the thoracolumbar part of the spinal column of a human being in a golf swing.

Therefore the object of the present invention is to provide a suitable analysis method and an apparatus for carrying out same, by means of which the golf swing analysis can be implemented very precisely, quickly and inexpensively.

A method and apparatus for analysing the pattern of movements of the thoracolumbar part of the spinal column in a golf swing comprising:

- a plurality of, for example three, measurement value pick-ups which are positioned on the human body, preferably at the spinal column;

- the measurement value pick-ups are preferably ultrasonic measurement value pick-ups for detecting movements three-dimensionally in degrees of angle per transit time measurement, the speed, acceleration and/or the direction of movement of the body measurement points to be sensed during the golf swing;

- the measurement value pick-ups are coupled to a data processing apparatus which processes the recorded measurement values;

- measurement value comparative data from other experimentees are stored in the data processing apparatus; and

- the recorded measurement value data are compared to the measured value comparative data and the measurement result is represented on a display device coupled to the data processing apparatus, so that the observer can recognise the quality of the measured golf swing of the experimentee in relation to other experimentees.